

### Attachment 3

## LAND MANAGEMENT ENVIRONMENTAL DECISION RECORD (EDR)\*

PROJECT ID NUMBER RLR 99411  
(Assigned by Initiating Organization)

<b>TRACKING NUMBER:</b> _____ (NEPA Administration Use Only)
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Organization Initiating Project: Blues Springs Marina, Roane County, Tennessee

Project Manager: Pam Langford Address: LM 1A-MHH Phone: 865/988-2453

Preparer: Richard L. Toennisson Address: WT 8C- K Phone: 865/632-8517  
(If different from Project Manager)

Project Action Title: Expansion of Marina

#### Project Action Description:

- a. Location: (e.g., TVA land, facility, reservoir, county, state) Watts Bar Reservoir, TRM 547.5L, Roane County, Tennessee
- b. TVA Involvement: (TVA land, facility, funds, technical assistance, etc.) Section 26a Approval and Commercial Recreation License on TVA Tracts XWBR-253 and XWBR-20
- c. Narrative: (include name of applicant, if any) Mr. Larry Steidle of Blue Springs Marina proposes an expansion of 104 boat slips, enlargement of 6 existing boat slips, a courtesy dock, and extension of a retaining wall.

Public Notification: No ☐ Yes ☒ (Attach Copy)

Permits Required from Other Agencies: Section 404 CWA, USACE; and Section 401, CWA, TN DWPC TN

Project Environmental Commitments: (Attach sheet for additional commitments. Include performing organization and estimated completion date.) \_\_\_\_\_  
**See Environmental Assessment.**

#### LEVEL OF REVIEW DETERMINATION: (Check one, based on supporting information on Page 2)

☐ **Categorical Exclusion pursuant to Section 5.2. \_\_\_\_ of TVA NEPA Procedures.** No nonroutine commitments have been identified as necessary to avoid significant environmental impacts. *The action does not qualify for categorical exclusion if Unknown or Significant is checked under Potential Effects.*

☒ **Environmental Assessment (EA) or**

☐ **Environmental Impact Statement (EIS) needed, pursuant to Sections 5.3 or 5.4 of TVA NEPA Procedures.** (See EA or EIS instructions).

Pam Langford  
Signature, Project Manager Date

Richard L. Toennisson  
Land Management NEPA Reviewer Date

Distribution (with \_\_\_\_ pages of attachments):

cc: **NEPA Administration, WT 8C-K**

PROJECT ID NUMBER RLR 99411

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TRACKING NUMBER:

(NEPA Administration Use Only)

Media Categories	Potential Effects					Require-ments	Information Source
Refer to Exhibit 3 of EDR instructions for description of media categories.	N O N E	U N K N O W N	B E N E F I C I A L	I N S I G N I F I C A N T	S I G N I F I C A N T	N O N E M I T S	Provide name of media expert providing input or reference document and date (reference documents are to be attached to EDR). This column must be completed for each media category unless none is checked. If you are certain that potential effects (either positive or negative) are none, it is not necessary to contact the media expert. Refer to Exhibit 2 of EDR instructions for a listing of TVA media experts for each category.
<b>WASTE STREAM GENERATION OR ALTERATION</b>							
Air	x					x	P. Langford-Nature of Action
Hazardous Waste	x					x	P. Langford-Nature of Action
Solid Waste	x					x	P. Langford-Nature of Action
Special Materials	x					x	P. Langford-Nature of Action
Wastewater				x			J. Higgins 11/14/00
<b>SOCIOECONOMIC EFFECTS</b>							
Land Use	x					x	P. Langford 10/18/00
Transportation				x		x	Safety-R. Riberich 11/8/00, Navigation-R. Buchanan 11/7/00
Recreation				x			C. Ellenburg 11/15/00 –License commitments only
Noise	x					x	J. McFetters-Addressed in EA
EMF	x					x	P. Langford-Nature of Action
<b>EFFECTS ON NATURAL FEATURES</b>							
Groundwater	x					x	P. Langford-Nature of Action
Surface Water				x			G. Peck 11/7/00
Stream Modification	x					x	G. Peck 11/7/00
Floodplains	x					x	P. Langford-Nature of Action
Wetlands	x					x	W. James 11/2/00
Farmland	x					x	P. Langford-Nature of Action
Significant Managed Areas	x					x	W. James 11/2/00
Historic Structures	x						A. Howard 7/16/02
Historic Sites	x					x	A. Howard 7/16/02
Archaeological Resources	x					x	A. Howard 7/16/02
Aquatic Ecology				x			G. Peck 11/7/00
Terrestrial Ecology				x			W. James 11/2/00
Protected Species-Sensitive Habitat							
Aquatic Animals	x					x	W. James 11/2/00
Terrestrial Animals	x					x	W. James 11/2/00
Plants	x					x	W. James 11/2/00
Visual				x			W. C. Peebles 11/6/00

**From:** Higgins, John M.  
**Sent:** Tuesday, November 14, 2000 3:22 PM  
**To:** Langford, Pamela C.; Peck, George E.  
**Subject:** RE: Blue Springs Marina expansion

Based on the confined embayment housing the marina, the number of slips proposed, and the number of local comments mentioning wastewater and pollution concerns, I would suggest additional commitments as a basis for the permit approval. First we should require the marina operator provide (and properly operate and maintain) a wastewater pumpout facility. Further, we should require that all boats with toilets also be equipped with wastewater holding tanks and be required to use the pumpout facility (i.e., that they not be allowed to discharge to the lake while housed at the marina). We should require that this latter requirement be included in all new slip lease agreements and be added to all existing agreements as they expire and are renewed.

## ***John M. Higgins***

Tennessee Valley Authority  
1101 Market Street (CST 17B-C)  
Chattanooga, TN 37402

E-mail: [jmhiggins@tva.gov](mailto:jmhiggins@tva.gov)  
Phone: 423/751-7299  
Fax: 423/751-7479

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**From:** Peck, George E.  
**Sent:** Tuesday, November 07, 2000 1:11 PM  
**To:** Langford, Pamela C.  
**Cc:** Higgins, John M.  
**Subject:** Blue Springs Marina expansion

Pam - here's my response.

John - Since you're the wastewater expert most often involved in these, I have placed in the mail to you your copy of the 26a package and the pertinent comments. Short code is 0014CQH.<<File: 04-99564-Blue Sprgs expansion 11-00.doc>>

George Peck  
NRB 3D-N  
phone (865) 632-1787  
fax (865) 632-1795  
email [gepeck@tva.gov](mailto:gepeck@tva.gov)

November 7, 2000

Pamela C. Langford, LM 1A-MHH

SECTION 26a FILE 99411 (FORMER 26a FILES 81189 & 1052) - COMMERCIAL WATER USE FACILITIES - BLUE SPRINGS MARINA - EXPAND HARBOR LIMITS - OPPOSITE TENNESSEE RIVER MILE 547.5L - CANE CREEK - WATTS BAR RESERVOIR - D-STAGE MAP 20D

This responds to your request of October 18 for comments on the subject Section 26a permit application..

Larry Steidle has submitted a proposal to expand the harbor limits for the Blue Springs Marina on Cane Creek opposite mile 545.7L on Watts Bar Reservoir. The harbor limits would be expanded approximately 209 feet in a southerly direction to allow for the construction of 104 new boat slips. The existing harbor limits were approved in 1998.

The expansion of the dock facilities and harbor limits could impact recreation traffic from the southern end of the Cane Creek cove. The State of Tennessee, through the Tennessee Wildlife Resources Agency (TWRA), has the primary responsibility for approving and enforcing no-wake zones. The no-wake zone is generally located 300 feet from the dock, usually the gas dock, and not from the edge of the harbor limits. The existing dock (803 feet) with the no-wake zone (300 feet) will extend about 1100 feet out into the embayment. The embayment varies in width from 1700 to 2200 feet at normal pool elevation of 741 and from 1500 to 2050 feet at pool elevation 735. There will be some restriction in the channel width for recreational boaters near the marina.

The comments about the narrow entrance channel, about 400 feet wide at pool elevation 735, are probably correct. The TWRA could position "Slow, Congested Area" buoys along the channel if requested by the marina and adjoining land owners. These buoys could not be enforced like no-wake buoys, but the buoys would alert boating traffic to the narrow conditions.

We do not have any major conflicts with the proposal and recommend issuance of the requested permit. For the EDR, you may use:

<u>Category</u>	<u>Potential Effects</u>	<u>Requirements</u>
Navigation	Insignificant	None

If you have any questions, please give me a call at 865 632-4886.

Original signed by

Robert E. Buchanan, Jr., P.E., F.ASCE, NSPE  
Program Administrator, Navigation  
Navigation and Structures Engineering  
WT 10C-K

REB

cc: Files, RO, WT 10C-K  
Mary Brannan, Lenoir City  
26a memo/99411

**From:** Ellenburg, Charles H.  
**Sent:** Wednesday, November 15, 2000 8:35 AM  
**To:** Langford, Pamela C.  
**Subject:** Blue Springs Marina Expansion - 26a#99411 and Land Use #99564

**Sensitivity:** Confidential

I have reviewed the request for the Blue Springs Marina expansion and inspected the subject premises. One of the concerns presented by the public addressed land rights, since the marina would front land used as a public access area transferred to TWRA for public recreation purposes. TWRA provided a letter which states they do not object to TVA considering a license request on TVA land below the 750 transfer contour, which fronts TWRA's property. Don Crawford, representing TWRA, has stated that the proposed marina expansion would not conflict with use at the boat ramp, and in fact would result in improvements to the ramp and a new courtesy pier.

Another public concern addressed "too many slips and too much profit". Establishment of demand for commercial recreation facility development is the responsibility of the applicant. While occupancy levels for marinas on Watts Bar vary with the season, the latest information indicates an average occupancy rate of around 85% during the summer for all marinas on the lake. Blue Springs' wet slips are typically full during the recreation season.

Considering the action would result in improvements for both public access at TWRA's boat ramp and marina services to the general public, my comments for the EDR are as follows:

**Recreation: Potential Effects - Beneficial; Requirements - Commitments**

November 7, 2000

Pamela Langford, LM 1A-MHH

**RLR 99411 AND 99564 - WATTS BAR RESERVOIR - PROPOSED EXPANSION OF  
SLIPS AND HARBOR LIMITS - ADDITION OF COURTESY DOCK - SHORELINE  
STABILIZATION - REPAIR OF TWRA LAUNCHING RAMP AND ACCESS ROADS**

The proposed developments would require construction activity to take place along the shoreline. During this construction phase, turbidity levels would likely be elevated locally. The proposal indicates that shoreline stabilization will be installed along a short segment of the shoreline to mitigate the impacts of future watercraft traffic. Following construction activities, turbidity levels and sedimentation into the reservoir originating from the marina site should return to preconstruction levels due to the stabilization of the currently inadequately protected shoreline segment. The temporary, localized increases in turbidity would not result in significant adverse impacts to water quality in the area during marina construction or operation. Proper treatment and handling of wastewater and sewage originating from watercraft would minimize adverse impacts resulting from sewage and other liquid wastes. Water-related impacts resulting from marina expansion would be insignificant with implementation of the commitments below.

- Removal of vegetation will be minimized, particularly the woody vegetation presently providing shoreline stabilization.
- Best Management Practices will be used throughout the project to prevent the introduction of soil or any other pollutants into the reservoir, including immediate revegetation or other stabilization of disturbed areas.
- Movement of equipment on the shoreline will be minimized to the extent practicable while conducting construction activities.
- maintenance equipment will be kept off of the shoreline to the extent practicable, and the upland property will be indefinitely maintained to prevent erosion.
- To the extent practicable, any excavation, stabilization placement, or other construction along the shoreline is to be conducted in the dry, during winter drawdown.
- Wet cement contact with the reservoir is to be avoided.
- Wastewater treatment and handling originating from both onshore facilities and from watercraft is to comply with all TVA, state, and local regulations.

Pam Langford  
Page 2  
November 7, 2000

For the EDR use the following information:

<b><u>Category</u></b>	<b><u>Potential Effects</u></b>	<b><u>Requirements</u></b>
Surface Water	Insignificant	Commitments
Stream Modification	None	None
Aquatic Ecology	Insignificant	Commitments

The commitments would be the conditions listed above.

My response is intended to address aquatic impacts resulting from actions directly associated with proposed actions at the marina. I have reviewed pertinent comments received during the public comment period. Given the nature of comments received on this proposal, I would suggest a wastewater expert and a shoreline erosion expert review this proposal to address issues such as discharge of sewage from watercraft and impacts this marina expansion may have on shoreline erosion.

George Peck  
NRB 3D-308

## EDR COMMENTS

DATE: 02-Nov-00

TO: Pamela C. Langford

PROJECT ID NUMBER: RLR 99411; 99564-Marina Expansion

APPLICANT: Mr. Larry Steidle, Blue Springs Marina

RESERVOIR: Watts Bar, TRM 547.5L

Media Categories	Potential Effects					Requirements		
	None	Unknown	Beneficial	Insignificant	Significant	None	Permits	Commitments
Wetlands	X					X		
Significant Managed Areas	X					X		
Terrestrial Ecology				X		X		
<b>Protected Species-Sensitive Habitat</b>								
Aquatic Animals	X					X		
Terrestrial Animals				X				X
Plants	X					X		

Environmental Comments Based on:

- ☐ Site Visit
- ☒ Info Provided by Land Use Specialist
- ☒ Heritage Data Base Review
- ☒ NWI/Wetland Data Base Review
- ☒ Personal Knowledge of Site
- ☐ Env Documentation Provided by Applicant
- ☐ Commitments by the applicant
- ☒ Other (FWS, TDEC, etc)
- ☐
- ☐

Comments:

Commitments: To minimize impacts to osprey (no longer state listed) nesting on the silo, all slips immediately adjacent to the silo should be considered dead slips with no boat mooring allowed.

Wesley K. James, Regional Biologist  
Midwest Region, Resource Stewardship  
(865) 988-2433; Fax (865) 988-2426  
wkjames@tva.gov



**From:** Howard, Anthony Eric  
**Sent:** Friday, July 12, 2002 2:46 PM  
**To:** Langford, Pamela C.  
**Cc:** Smith, Russell D.  
**Subject:** MH-WB- Blue Springs Marina #99411 - marina expansion

Cultural Resources response on the EDR is NONE for both Potential Effects and Requirements regarding Historic Sites and Archaeological Resources. Historic Structures is NONE for Potential Effects and COMMITMENT for Requirements.

One commitment is required: The marina boatslip extension needs to be engineered to avoid impacting/touching the silo present in "I" dock. This needs to take into account the pool drawdown and other potential wave action. No construction materials will be placed in contact with the silo.

You might want to ask the applicant if a major drawdown is to occur for possibly maintenance or repair of the dam will their boatslip extension accommodate this activity???...if not, could be quite costly for them in repair costs.

Pam tell me if I need to respond via CEC or otherwise.

11/12/2002

**From:** Peebles, W. Chett  
**Sent:** Monday, November 06, 2000 10:29 AM  
**To:** Langford, Pamela C.  
**Subject:** Blue Springs EDR

*We have completed our review for input into the above-referenced EDR relevant to the Visual aspects of the proposed action. This review is based upon information gathered from site visits, review of the public comments that reside in your office, and our understanding of the scope of work based upon information provided in the EDR.*

The expansion of harbor limits could potentially be beneficial for area residents, as well as users of the recreational facilities. There will be a positive visual benefit in adding additional sea wall (reduction of shoreline erosion), as well as the repair of the TWRA launch ramp and addition of a public courtesy dock. The existing TWRA ramp is not discernible for infrequent users and is difficult to access.

The addition of new boatslips and parking expansion could have cumulative impacts on the foreground and middleground views of area residents and users of the facilities. Some shoreline views may be obscured from residents living along the opposite shoreline, and increased traffic will affect the natural scenic beauty of the lake. However, many of the homes along the opposite shoreline have buffers that obscure views to the marina, therefore mitigating many of the effects of the expansion. Additionally, this type of expansion is common and is visually compatible with the existing development.

The proposed additional parking will be located in front of the existing marina buildings. Residents along the adjacent shoreline will not perceive a visual change as a result of this construction. The construction of new parking will be necessary for the additional boatslips.

The EDR can be marked **insignificant** for visual, with a **commitment** for the standard BMP's.

W. Chett Peebles  
**Landscape Architect**  
Resource Stewardship  
Tennessee Valley Authority

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NRB 2C-N